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THIS IS UNEVALUATED INFORMATION FOR THE RESEARCH USE OF TRAINED INTELLIGENCE ANALYSTS

SOURCE

Documentary as indicated. (Information specifically requested.)

RECENTLY PUBLISHED RESEARCH OF THE SAMARKAND MEDICAL INSTITUTE, USSR

"Synthesis of the Structural Fragments of Rotenone and of its Satellites. I. Synthesis in the Tubic Acid Seriez," A. A. Shamehurin, Samarkand Med Inst

"Zhur Obshch Khimii" Wel 16, 1946, pp 1877-84

It was found possible to start with a benzenoid nucleus and to add to it the condensed furn ring. However, attempts to condense 2,6-(HO)_C6H3CHO with chloro- (or brome) cetome in the presence of EtONa failed because of extensive tar formation. Successful syntheses were made, starting with Me 2,4-dihydroxy-3-formylbenzoate, prepared according to Shah and Laiwalla; procedure and properties of derivatives described.

"Synthesis of dl-1-(2,6-dimethoxyphonyl)-2-aminoethane," A. A. Shamshurin, Ved Inst, Samerkend

"Zhur Obshch Khimii" Vol 15, 1945, pp 778-60

Preparation of dl-1-(2,6-dimethoxyphenyl) 2-aminosthane (I) for Physiological evaluation in comparison with similar compounds is given. 2-Acetylresorcinol was prepared by alkaline cleavage of 7-hydroxy-8-acetyl-4-methylcounarin; dimethylated ketone, NH, CAC1 and EtOH in the presence of mater and NaOH gave 2,6dimsthoxy-acetophenone oxime. This in AcOH was treated with 35 Na-Hg with gradual addition of water; when the solution became alkaline, it was extracted with

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Sanitized Copy Approved for Release 2011/06/29: CIA-RDP80-00809A000600200132-4 -1 STAT Et₂0, the extract was shaken out with dilute HCl, and I was liberated by addition of alkali, followed by Et₂0 extraction and distillation in vacuo.

Derivatives and properties are given.